

ABSTRACT OF THE DISCLOSURE

2 The apparatus is an electronic speed control for farm machines. A
3 microprocessor is fed data on the tractor engine speed, the tractor ground speed,
4 and the manual speed lever setting, and electronically matches the desired ground
5 speed to the engine speed to prevent stalling the engine. Ground speed is
6 controlled by using the microprocessor to electrically vary a control valve that
7 replaces the usual mechanical linkage between the speed control lever and the
8 hydraulic pumps driving the hydraulic wheel motors.